

FLAMMABILITY TEST CERTIFICATE – 84387

COMPANY DETAILS:	CAMIRA FABRICS LTD MELTHAM MILLS, MELTHAM WEST YORKSHIRE, HD9 4AY
CONTACT NAME(S):	LUKE RUSSELL
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DATE RECEIVED:	16/09/2020
DATE TESTED:	23/09/2020
DATE ISSUED:	23/09/2020
PO NUMBER:	83A089055
SAMPLE DESCRIPTION:	TARGET
COLOUR:	SCUBA
QUALITY/BATCH REF:	459757
MODEL REF:	HLDS08
COMPOSITION:	NOT STATED
SAMPLE END USE:	UPHOLSTERY
SAIVIPLE EIND USE:	UPHULSIENI

CAMIRA FABRICS

NOT STATED

SPECIFICATION/REQUIRMENT:

BS 7176:2007+A1:2011 – Specification for the resistance to ignition of upholstered furniture for non-domestic seating by testing composites. (Medium Hazard)

TEST METHOD(S):

MANUFACTURER:

SUPPLIER/BUYER:

BS EN 1021-1:2006 – Furniture – Assessment of the ignitibility of upholstered furniture. Part 1: Ignition source smouldering cigarette.

BS EN 1021-2:2006 – Furniture – Assessment of the ignitibility of upholstered furniture. Part 2: Ignition source match flame equivalent.

BS 5852:2006 – Methods of test for the assessment of the ignitibility of upholstered seating by smouldering and flaming ignition sources.

PRE-TREATMENT:

Water Soak procedure in accordance with Annex D of BS EN 1021-1:2006 & Annex E of BS 5852:2006

CONDITIONING:

The sample was conditioned for 72 hrs in ambient conditions for at least 24 hrs in a specified atmosphere at $23 \pm 2^{\circ}$ C and $50 \pm 5\%$ r h.

Authorised By:

Q-

Zeb Alam Operations Director

Mark Jones Quality Manager Karen Brooks Managing Director

Please note: this test results issued on this certificate refer only to the item tested and therefore doesn't relate to the lot or batch of the product / sample. This test certificate shall not be duplicated. Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN. T: 0161 50 50 650 E: technical@ifs-labs.com





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TEST RESULTS:

"The Following test results relate only to the ignitibility of the combination of the materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use."

TEST CRITERIA – 1021-1 (CIGARETTE TEST)	INITIAL TEST		REPEAT TEST	
FILLING MATERIAL USED:	CMHR 35		CMHR 35	
Cigarette ceased smouldering within (Min(s)	<60.0		<60.0	
PROGRESSIVE SMOULDERING CRITERIA (3.1)				
Unsafe escalating combustion (3.1a)	NO		NO	
Smoulders to extremities (3.1b)	NO		NO	
Smoulders through thickness (3.1c)	NO		NO	
Smoulders for more than 1 hr (3.1d)	NO		NO	
Presence of active smouldering on final examination? (3.1e)	NO		NO	
Evidence of melting, charring, dripping?	Melting: 🔀	Charring: 🔀	Dripping: 🗌	
FLAMING CRITERIA (3.2)				
Cover Split?	NO		NO	
Occurrence of flames?	NO		NO	
TEST RESULT	PASS		PASS	
TEST CRITERIA – 1021-2 (MATCH TEST)	1 st Test	2 nd Test	3 rd Test	
TEST CRITERIA – 1021-2 (MATCH TEST) FILLING MATERIAL USED:	1 st Test CMHR 35	2 nd Test CMHR 35	3 rd Test CMHR 35	
FILLING MATERIAL USED:	CMHR 35	CMHR 35	CMHR 35	
FILLING MATERIAL USED: Flaming ceased: (Min(s) Sec(s))	CMHR 35	CMHR 35	CMHR 35	
FILLING MATERIAL USED: Flaming ceased: (Min(s) Sec(s)) PROGRESSIVE SMOULDERING CRITERIA (3.1)	CMHR 35 0.01	CMHR 35 0.00	CMHR 35 0.00	
FILLING MATERIAL USED: Flaming ceased: (Min(s) Sec(s)) PROGRESSIVE SMOULDERING CRITERIA (3.1) Unsafe escalating combustion (3.1a)	CMHR 35 0.01 NO	CMHR 35 0.00 NO	CMHR 35 0.00 NO	
FILLING MATERIAL USED: Flaming ceased: (Min(s) Sec(s)) PROGRESSIVE SMOULDERING CRITERIA (3.1) Unsafe escalating combustion (3.1a) Smoulders to extremities (3.1b)	CMHR 35 0.01 NO NO	CMHR 35 0.00 NO NO	CMHR 35 0.00 NO NO	
FILLING MATERIAL USED: Flaming ceased: (Min(s) Sec(s)) PROGRESSIVE SMOULDERING CRITERIA (3.1) Unsafe escalating combustion (3.1a) Smoulders to extremities (3.1b) Smoulders through thickness (3.1c)	CMHR 35 0.01 NO NO NO	CMHR 35 0.00 NO NO NO	CMHR 35 0.00 NO NO NO	
FILLING MATERIAL USED: Flaming ceased: (Min(s) Sec(s)) PROGRESSIVE SMOULDERING CRITERIA (3.1) Unsafe escalating combustion (3.1a) Smoulders to extremities (3.1b) Smoulders through thickness (3.1c) Smoulders for more than 1 hr (3.1d)	CMHR 35 0.01 NO NO NO NO	CMHR 35 0.00 NO NO NO NO	CMHR 35 0.00 NO NO NO NO NO	
FILLING MATERIAL USED: Flaming ceased: (Min(s) Sec(s)) PROGRESSIVE SMOULDERING CRITERIA (3.1) Unsafe escalating combustion (3.1a) Smoulders to extremities (3.1b) Smoulders through thickness (3.1c) Smoulders for more than 1 hr (3.1d) Evidence of melting, charring, dripping?	CMHR 35 0.01 NO NO NO NO	CMHR 35 0.00 NO NO NO NO	CMHR 35 0.00 NO NO NO NO NO	
FILLING MATERIAL USED: Flaming ceased: (Min(s) Sec(s)) PROGRESSIVE SMOULDERING CRITERIA (3.1) Unsafe escalating combustion (3.1a) Smoulders to extremities (3.1b) Smoulders through thickness (3.1c) Smoulders for more than 1 hr (3.1d) Evidence of melting, charring, dripping? FLAMING CRITERIA (3.2)	CMHR 35 0.01 NO NO NO NO Melting: 🔀	CMHR 35 0.00 NO NO NO Charring: 🔀	CMHR 35 0.00 NO NO NO Dripping:	
FILLING MATERIAL USED: Flaming ceased: (Min(s) Sec(s)) PROGRESSIVE SMOULDERING CRITERIA (3.1) Unsafe escalating combustion (3.1a) Smoulders to extremities (3.1b) Smoulders through thickness (3.1c) Smoulders for more than 1 hr (3.1d) Evidence of melting, charring, dripping? FLAMING CRITERIA (3.2) Unsafe escalating combustion (3.2a)	CMHR 35 0.01 NO NO NO Melting: 🔀	CMHR 35 0.00 NO NO NO Charring: 🔀	CMHR 35 0.00 NO NO NO Dripping: NO	
FILLING MATERIAL USED: Flaming ceased: (Min(s) Sec(s)) PROGRESSIVE SMOULDERING CRITERIA (3.1) Unsafe escalating combustion (3.1a) Smoulders to extremities (3.1b) Smoulders through thickness (3.1c) Smoulders for more than 1 hr (3.1d) Evidence of melting, charring, dripping? FLAMING CRITERIA (3.2) Unsafe escalating combustion (3.2a) Test assembly consumed (3.2b)	CMHR 35 0.01 NO NO NO NO Melting: X	CMHR 35 0.00 NO NO NO Charring: X	CMHR 35 0.00 NO NO NO Dripping: NO NO NO	
FILLING MATERIAL USED: Flaming ceased: (Min(s) Sec(s)) PROGRESSIVE SMOULDERING CRITERIA (3.1) Unsafe escalating combustion (3.1a) Smoulders to extremities (3.1b) Smoulders through thickness (3.1c) Smoulders for more than 1 hr (3.1d) Evidence of melting, charring, dripping? FLAMING CRITERIA (3.2) Unsafe escalating combustion (3.2a) Test assembly consumed (3.2b) Flaming to extremities and thickness (3.2c) (3.2d)	CMHR 35 0.01 NO NO NO Melting: X	CMHR 35 0.00 NO NO NO Charring: X	CMHR 35 0.00 NO NO NO Dripping: NO NO NO NO	
FILLING MATERIAL USED: Flaming ceased: (Min(s) Sec(s)) PROGRESSIVE SMOULDERING CRITERIA (3.1) Unsafe escalating combustion (3.1a) Smoulders to extremities (3.1b) Smoulders through thickness (3.1c) Smoulders for more than 1 hr (3.1d) Evidence of melting, charring, dripping? FLAMING CRITERIA (3.2) Unsafe escalating combustion (3.2a) Test assembly consumed (3.2b) Flaming to extremities and thickness (3.2c) (3.2d) Flaming continued for more than 120 seconds	CMHR 35 0.01 NO NO NO Melting: X	CMHR 35 0.00 NO NO NO Charring: X	CMHR 35 0.00 NO NO NO Dripping: NO NO NO NO NO NO	

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TEST RESULTS continued:

TEST CRITERIA – BS 5852:2006 Source 5	INITIAL TEST	REPEAT TEST
Flaming Ceased:	04.28	07.14
PROGRESSIVE SMOULDERING CRITERIA (4.1)		
FILLING MATERIAL USED:	CMHR 35	CMHR 35
b) Detectable amounts of smoke, heat or glowing 60 mins after crib ignition?	NO	NO
c) Displays unsafe escalating combustion, requires to be forcibly extinguished?	NO	NO
d) Smouldering consumed the test specimen within the duration of the test?	NO	NO
e) Smoulder to the extremities i.e. upper or lower margins, either side or to its full thickness?	NO	NO
f) On final inspection, any evidence of charring more than 100 mm in any direction (apart from upwards) from the original nearest position?	NO	NO
FLAMING CRITERIA (4.2)		
b) Flaming continued for more than 10 minutes after the ignition of the crib?	NO	NO
c) Displays unsafe escalating combustion, requires to be forcibly extinguished?	NO	NO
d) Flaming and/or smouldering consumed the test specimen within the duration of the test?	NO	NO
e) Flame front reaches the lower margin, either side or passes through the full thickness?	NO	NO
TEST RESULTS	PASS	PASS

CONCLUSION:

The sample supplied meets the test criteria of BS 7176:2007 + A1:2011 (Medium Hazard)

END OF REPORT

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